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foreign agriculture circular

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U.S. Department of Agriculture
Foreign Agricultural Service
Economic Research Service

JAN 24 '84

World Crop Production

Approved by the World Agricultural Outlook Board • USDA

WCP-12-83
December 12, 1983

PROJECTED GLOBAL CROP PRODUCTION UP FROM NOVEMBER, BELOW 1982/83

Region	1981/82	1982/83	1983/84 Proj. Nov.	1983/84 Proj. Dec.
Total Grains (Million metric tons) 1/				
World	1627.4	1682.3	1589.6	1602.3
United States	333.4	339.0	206.2	206.2
Rest of World	1294.0	1343.4	1383.4	1396.1
Oilseeds (Million metric tons)				
World	170.1	179.2	162.3	163.0
United States	64.3	69.3	47.6	47.6
Rest of World	105.8	109.9	114.7	115.4
Cotton (Million bales)				
World	70.7	67.7	65.3	66.5
United States	15.6	12.0	7.5	7.6
Rest of World	55.1	55.7	57.8	58.8

1/ Includes rice on a rough basis.

* Total world grain production for 1983/84 now is forecast at 1,602 million tons, nearly 13 million above last month's estimate, but still 5 percent below last year's record. The increase over last month is mainly based on new information concerning harvested Northern Hemisphere crops and also reflects good weather in the Southern Hemisphere where crops are in the vegetative growth stage. U.S. and Soviet grain production estimates are unchanged.

* The world wheat production forecast has been raised almost 4 million tons from last month to 485 million, 1 percent above the 1982/83 record. New information prompted significant upward revisions in the size of the Chinese and West European harvests. Recent favorable weather led to an increase in the Australian production forecast to a record 19.5 million tons. The Argentine projection forecast was lowered to 12 million tons due to hot, dry conditions.

(continued on page 3)

WORLD CROP PROJECTIONS

Projections of 1983/84 world crop production are tentative. For the Northern Hemisphere, the projections include harvested winter grain crops and spring crops such as corn, soybeans, and cotton, with harvesting nearly completed. For the Southern Hemisphere, projections include winter grain crops now being harvested and spring crops mostly in the early vegetative stage. Climatic and market developments over the next several months will continue to influence 1983/84 production prospects around the world.

Crop projections generally are based on surveys, historical trends in area and yield, and analysts' judgements. The indicated variations around projections in this report should encompass final outcomes about 2-out-of-3 times. The reliability of past world production estimates and measures of production variability are on pages 16-18.

Forecasts of 1983 U.S. acreage, yield, and production for crops are from the U.S. Crop Production reports released today and on November 10 by USDA's Crop Reporting Board.

This report draws on information from USDA's global network of agricultural attaches and counselors, commodity analysts, country and regional specialists, and the staff of the Joint Agricultural Weather Facility. The report is prepared by the Foreign Agricultural Service (FAS), the Economic Research Service (ERS), and the World Agricultural Outlook Board (WAOB).

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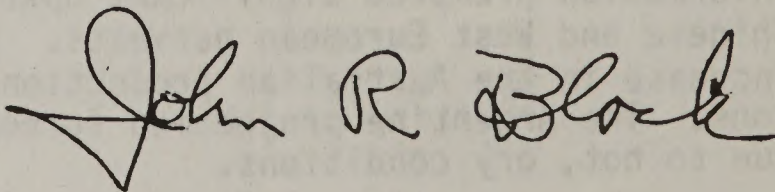
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(continued from page 1)

- * The world coarse grain production forecast has been raised 4.5 million tons from last month to 686 million, 12 percent less than last year's record. Foreign production of coarse grains, at 550 million tons, will be the largest ever. New information caused significant upward revisions in the size of the Chinese, Indian, Mexican, Indonesian, and Canadian harvests and prompted downward adjustments for Eastern Europe and Nigeria. Good weather in barley-and-oat growing areas caused an upward revision in the Australian coarse grain production forecast to a record 9.5 million tons. Changes in harvested area projections prompted an increase relative to last month in Argentina's production forecast and a reduction in Brazil's.
- * The global rice production forecast has been raised almost 5 million tons from a month ago to a record 431 million, 3 percent above the 1982/83 harvest. Significant upward revisions were made in forecasts for China, India and Vietnam, reflecting favorable harvest weather. Projected harvested area in Brazil was reduced.
- * World oilseed production is forecast at 163.0 million tons, up 0.7 million from last month, but 16.1 million or 9 percent below year-earlier levels. Most of this month's upward revision is due to larger Chinese cottonseed production prospects.
- * Global cottonseed output is forecast at 26.9 million tons, up 0.6 million from a month ago but 0.5 million below a year earlier. A 0.7-million-ton increase in the Chinese crop forecast was partially offset by lower prospects for India and Pakistan where serious insect infestation in the major producing provinces has cut yields in some areas. Nearly ideal growing conditions in the major producing provinces of China this season have resulted in very good yields and unusually low crop losses. U.S. cottonseed output is forecast at 2.78 million tons, up 0.04 million from last month.
- * World soybean production is forecast at 77.5 million tons, essentially unchanged from last month, but 16.4 million or 17 percent below last year. A very good start on early season plantings in Brazil recently slowed as dry weather in some key producing states has limited planting progress.
- * World cotton production in 1983/84 is forecast at 66.5 million bales, up nearly 1.2 million from last month but 1.2 million below last year. The increase from November indications reflects a 1.5-million-bale increase in the Chinese estimate to 18.5 million bales--its fourth consecutive record crop--which more than offsets slightly reduced estimates for India, Pakistan and Brazil. This season's extremely favorable weather and production incentives in China boosted yields over 10 percent, contributing to the 2-million-bale increase from 1982/83 in expected output. Conversely, unfavorable early-season harvest weather contributed to severe insect damage, resulting in a nearly 5-percent cut this month in Indian prospects to 6.3 million bales and a further 3-percent drop in Pakistani prospects to 3 million. The Brazilian estimate also has been trimmed nearly 5 percent to 2.65 million bales, reflecting a downward revision in area and slightly reduced yields. The U.S. production forecast of 7.6 million bales is slightly above month-earlier indications.

WORLD WEATHER HIGHLIGHTS THROUGH DECEMBER 9

UNITED STATES--November temperatures were highly variable with a band of above-normal averages extending from the Texas-New Mexico area northeast to the Great Lakes and Ohio River Valley with near-to-below normal averages elsewhere. Rainfall was abundant with totals in many areas 2-to-4 times normal amounts. Soil moisture recharge continued ahead of normal in all major crop areas that experienced drought in 1983. A heavy snow cover after mid-November protected winter grains from the central Great Plains into the Great Lakes when the unseasonable cold temperatures arrived in early December. Only a small area of the hard red winter wheat belt still experienced marginal soil moisture conditions in early December.

EUROPE--Recent dryness followed soaking rains in the Iberian Peninsula, allowing winter grain planting to progress with few delays. However, recent cold weather in Spain will slow emergence and early wheat growth. Rain and snow provided favorable moisture for winter grains across much of northwestern Europe where the crop is easing into dormancy in good condition. In contrast, prolonged dryness and sharp cold snaps caused minimal fall hardening of winter wheat in eastern Europe and northern Italy, making the crop more susceptible to winterkill.

USSR--Conditions for winter grains have improved and are better than a year ago. In the north, conditions continue favorable for rye, which entered dormancy about 2 weeks earlier than usual. In the south, above-average temperatures that began in October dropped sharply about November 13 and remained below normal for about 15 days. While the cold likely damaged the top growth of the crops, primarily wheat, which had not hardened, it is unlikely any winterkill occurred. However, the plants are probably more vulnerable to winterkill because of being forced into dormancy without gradual hardening. In late November, temperatures moderated and good rains (around 25 mm) fell over the entire southern winter grains region, reducing earlier moisture deficiencies. Temperatures dropped back to far below seasonal levels in early December. Conditions remain favorable for late cotton harvesting.

SOUTH AMERICA--Below-average rainfall throughout southern Brazil and much of Argentina's crop areas in late November and early December have delayed completion of summer crop planting. Soybean planting progress in Brazil is still about average with recent years. In Argentina, wheat harvesting is underway in the northern crop area and is just beginning in the south. Recent dryness has hastened maturity but temperature extremes may have hurt the grain, and unseasonable cold mid-November was followed by recent hot weather which has slowed completion of planting.

AUSTRALIA--Heavy rain during the latter part of November over eastern wheat areas, including southeastern Queensland and northern New South Wales, delayed the wheat harvest and lowered the crop quality. Dry weather returned recently to this area which needs mild, dry conditions for harvesting and completion of summer crop planting. The wheat crop is maturing in the south and west as the harvest season becomes active throughout the wheat belt.

SOUTH AFRICA--Recurring showers in eastern South Africa produced very favorable conditions for early corn growth. The western Maize Triangle had been relatively dry until recently while moisture has been adequate in the eastern region. The recent rains have been very beneficial for corn in the West Transvaal and Northwest Free State.

NORTHWESTERN AFRICA--Light showers in November provided good topsoil moisture over much of the region for winter grain planting. Timely rains will be needed for the rest of the growing season.

SOUTHEAST ASIA--Above-normal rains during the wet season were mostly beneficial for the Thai rice crop. Monsoon rains withdrew from most of Indochina in mid-November. The drier weather has been favorable for maturing rice and early harvesting progress.

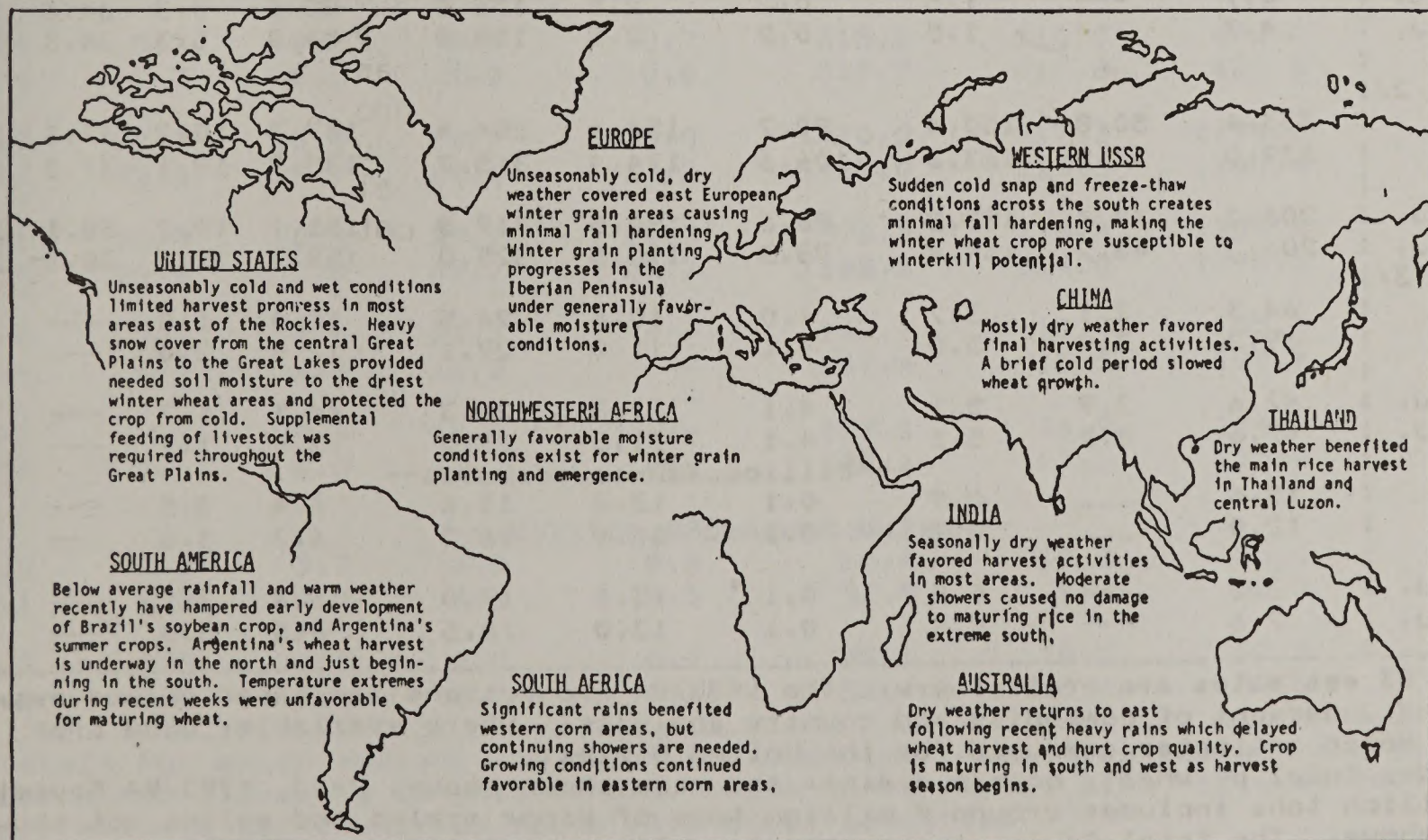
EASTERN ASIA--Relatively dry weather and mild temperatures have been very favorable for harvesting in central and southern China, following earlier excessive rains. Late double-cropped rice should be harvested by now. Completion was later than usual because of earlier planting delays. Moisture conditions are good for winter wheat and above-normal temperatures have produced a well-established crop.

SOUTH ASIA--Only southern peninsular India received any significant precipitation. Some locally heavy rain in early December possibly damaged maturing winter rice in coastal Andhra Pradesh and Tamil Nadu slightly. Elsewhere, weather conditions have been excellent for groundnut and rice harvesting.

(More details are available in the Weekly Weather and Crop Bulletin. Subscription information may be obtained by calling (202) 447-7917.)

WORLD AGRICULTURAL WEATHER HIGHLIGHTS

Date DECEMBER 9, 1983



World crop production summary 1/

Commodity	Major regions and countries									
	United States	Canada	Western Europe	Eastern Europe	USSR	Centrally Planned Asia	South Asia	Near East and Other Asia		
						EEC	India	Pakistan	Indonesia	Thailand
	---Million metric tons---									
Wheat										
1: 1981/82	76.2	24.8	60.9	30.5	80.0	59.6	36.3	11.5	---	---
2: 1982/83	76.4	26.8	68.3	34.7	86.0	68.4	37.5	11.5	---	---
3: 1983/84										
3: Nov Proj.	65.5	26.6	66.8	33.8	80.0	78.0	42.5	12.3	---	---
4: Dec Proj.	65.5	26.9	67.8	34.1	80.0	80.0	42.5	12.3		
Coarse grains										
5: 1981/82	249.0	26.0	87.9	62.0	72.0	80.8	31.4	1.6	4.5	4.7
6: 1982/83	255.5	26.7	93.7	71.7	86.0	86.0	27.9	1.6	3.2	3.8
7: 1983/84										
7: Nov Proj.	136.0	20.8	84.9	64.5	108.0	85.0	30.0	1.7	3.5	4.3
8: Dec Proj.	136.0	21.3	85.1	64.0	108.0	87.0	30.9	1.7	4.0	4.3
Rice (rough)										
9: 1981/82	8.3	---	1.6	0.2	2.4	144.0	80.0	5.2	32.8	17.8
10: 1982/83	7.0	---	1.7	0.2	2.4	161.2	69.8	5.1	34.1	17.0
11: 1983/84										
11: Nov Proj.	4.7	---	1.5	0.2	2.5	156.0	82.6	5.3	34.6	17.7
12: Dec Proj.	4.7	---	1.5	0.2	2.5	158.0	84.8	5.3	34.3	18.0
Total grains 2/										
13: 1981/82	333.4	50.8	150.4	92.7	154.4	284.4	147.7	18.2	37.3	22.5
14: 1982/83	339.0	53.5	163.6	106.6	174.4	315.7	135.2	18.1	37.3	20.7
15: 1983/84										
15: Nov Proj.	206.2	47.4	153.2	98.6	190.5	319.0	155.1	19.2	38.1	22.0
16: Dec Proj.	206.2	48.2	154.4	98.3	190.5	325.0	158.2	19.2	38.3	22.3
Oilseeds 3/										
17: 1981/82	64.3	3.1	3.7	4.0	10.6	24.5	13.4	1.8	---	---
18: 1982/83	69.3	3.9	5.0	4.1	11.0	27.1	11.9	2.0	---	---
19: 1983/84										
19: Nov Proj.	47.6	3.9	5.1	4.1	11.3	26.3	14.1	1.7	---	---
20: Dec Proj.	47.6	3.9	5.1	4.1	11.3	27.0	13.9	1.7	---	---
Cotton										
21: 1981/82	15.6	---	0.9	0.1	13.3	13.6	6.4	3.5	---	0.3
22: 1982/83	12.0	---	0.7	0.1	11.9	16.5	6.3	3.8	---	0.2
23: 1983/84										
23: Nov Proj.	7.5	---	0.8	0.1	13.0	17.0	6.6	3.1	---	0.2
24: Dec Proj.	7.6	---	0.8	0.1	13.0	18.5	6.3	3.0	---	0.2

1/ 1982/83 estimates are preliminary. The 1983/84 projections are based on surveys, trends, and judgement of commodity and country analysts. Where available, USDA Crop Reporting Board estimates are used for the United States.

2/ Includes total of wheat, coarse grains, and rice shown above. Proj. 1983/84 Soviet crop of 200 million tons includes around 9 million tons of minor grains and pulses not shown in total above. The total Soviet grain crop is estimated at 180 million tons for 1982/83 and 160 million for 1981/82.

World crop production summary 1/---Continued

Major regions and countries									
Middle East	Latin America			Oceania	Total for	Other	World		
and	and				major	Coun-	less		
Africa	Caribbean				regions	tries	United	World	
South	Armenia				and		States		
Africa	Turkey	India	Brazil	Australia	countries				
---Million metric tons---									
2.3	13.2	8.3	2.2	16.4	422.2	27.0	373.0	449.2	1
2.4	13.8	14.5	1.8	8.9	451.1	28.6	403.2	479.6	2
1.9	13.0	12.5	1.8	19.0	453.9	27.5	415.9	481.4	3
1.8	13.0	12.0	2.0	19.5	457.5	27.5	419.5	485.0	4
8.8	8.1	18.4	23.4	6.6	685.2	81.9	518.0	767.0	5
4.3	8.7	17.9	19.9	3.7	710.6	72.6	527.6	783.2	6
10.2	7.5	17.6	23.9	8.6	606.5	75.0	545.5	681.5	7
10.1	7.5	18.6	23.2	9.5	611.1	74.9	550.0	686.0	8
---	0.3	0.4	9.2	0.9	302.8	108.5	402.9	411.2	9
---	0.3	0.3	7.8	0.5	307.4	112.2	412.5	419.5	10
---	0.3	0.3	9.5	0.7	315.9	110.8	422.0	426.7	11
---	0.3	0.3	9.0	0.8	319.7	111.6	426.6	431.3	12
11.2	21.6	27.0	34.7	23.8	1410.2	217.3	1294.0	1627.4	13
6.7	22.8	32.7	29.6	13.2	1469.0	213.3	1343.4	1682.3	14
12.1	20.8	30.4	35.2	28.3	1376.2	213.4	1383.4	1589.6	15
11.9	20.8	30.9	34.2	29.7	1388.3	214.0	1396.1	1602.3	16
---	---	7.3	14.3	---	147.1	16.4	105.8	170.1	17
---	---	6.9	16.2	---	157.4	15.5	109.9	179.2	18
---	---	8.3	16.7	---	139.1	16.9	114.7	162.3	19
---	---	8.3	16.7	---	139.1	17.0	115.4	163.0	20
---Million 480-pound bales---									
0.2	2.2	0.7	3.0	0.6	60.4	10.3	55.1	70.7	21
0.1	2.2	0.5	3.0	0.5	57.8	9.9	55.7	67.7	22
0.2	2.3	0.8	2.8	0.7	55.1	10.2	57.8	65.3	23
0.2	2.3	0.8	2.7	0.7	56.1	10.4	58.8	66.5	24

3/ Totals for major regions and countries and other countries include the six major oilseeds shown elsewhere in this report, while world total also includes copra and palm kernels for countries shown plus other countries

--- - No production reported or insignificant production.

**Totals may not add due to rounding.

U.S. Crop Acreage, Yield and Production 1/
(Domestic Units)

Item	Harvested area				Yield				Production			
	: 1983/84 proj. :		: 1983/84 proj. :		: 1983/84 proj. :		: 1983/84 proj. :		: 1983/84 proj. :		: 1983/84 proj. :	
	: 1981/82 : 1982/83 :	: 1981/82 : 1982/83 :	: 1981/82 : 1982/83 :	: 1981/82 : 1982/83 :	: 1981/82 : 1982/83 :	: 1981/82 : 1982/83 :	: 1981/82 : 1982/83 :	: 1981/82 : 1982/83 :	: 1981/82 : 1982/83 :	: 1981/82 : 1982/83 :	: 1981/82 : 1982/83 :	: 1981/82 : 1982/83 :
	--- Million acres ---				--- Bushels per acre ---				--- Million bushels ---			
All wheat	: 81.0	: 78.8	: 61.0	: 61.0	: 34.5	: 35.6	: 39.5	: 39.5	: 2799	: 2809	: 2408	: 2408
Winter	: 58.6	: 58.3	: 47.2	: 47.2	: 35.9	: 36.1	: 41.8	: 41.8	: 2104	: 2108	: 1977	: 1977
Other	: 22.4	: 20.5	: 13.7	: 13.7	: 31.1	: 34.2	: 31.5	: 31.5	: 695	: 701	: 431	: 431
Rye	: 0.7	: 0.7	: 0.9	: 0.9	: 26.6	: 29.1	: 30.0	: 30.0	: 19	: 21	: 26	: 26
	---				---				---			
Feedgrains	: 107.0	: 107.1	: 80.3	: 80.3	: 2.32	: 2.38	: 1.69	: 1.69	: 248.5	: 255.0	: 135.4	: 135.4
	---				Metric tons per acre ---				---			
	---				---				---			
Corn	: 74.7	: 73.2	: 51.2	: 51.2	: 109.8	: 114.8	: 80.5	: 80.5	: 8202	: 8397	: 4,121	: 4,121
Sorghum	: 13.7	: 14.2	: 10.1	: 10.1	: 64.1	: 59.0	: 47.5	: 47.5	: 879	: 841	: 482	: 482
Barley	: 9.2	: 9.1	: 9.9	: 9.9	: 52.3	: 57.3	: 53.7	: 53.7	: 479	: 522	: 532	: 532
Oats	: 9.4	: 10.6	: 9.1	: 9.1	: 54.1	: 58.4	: 52.2	: 52.2	: 509	: 617	: 472	: 472
Soybeans	: 66.4	: 69.8	: 61.4	: 61.4	: 30.1	: 31.9	: 25.0	: 25.0	: 2000	: 2230	: 1,537	: 1,537
	---				---				---			
Rice	: 3.8	: 3.3	: 2.2	: 2.2	: 4819	: 4742	: 4640	: 4640	: 182.7	: 154.2	: 103.3	: 103.3
	---				Pounds per acre ---				Million Cwt. ---			
	---				---				---			
All cotton	: 13.8	: 9.7	: 7.1	: 7.1	: 543	: 593	: 504	: 512	: 15.6	: 12.0	: 7.5	: 7.6
	---				---				Million 480-pound ---			
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WCP-12-83
- 9 -

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Canada, Australia, Argentina, and EC.

Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country	Area :1981/82:1982/83:1983/84	Yield :1981/82:1982/83:1983/84	Production :1981/82:1982/83:1983/84
United States	43.6	5.71	249.0
Canada	9.2	2.83	26.0
Western Europe	24.5	3.59	87.9
Eastern Europe	19.8	3.14	62.0
USSR	58.0	1.24	72.0
Cen. Planned Asia:			
PRC	31.1	2.60	80.8
South Asia			
India	42.3	0.74	31.4
N East&Other Asia:			
Thailand	2.0	1.82	4.7
M East and Africa:			
South Africa	5.3	0.83	8.8
Turkey	4.3	2.01	8.1
L America & Carib:			
Argentina	6.4	2.88	18.4
Brazil	13.7	1.71	23.4
Oceania			
Australia	4.8	1.37	6.6
Total above	264.9	2.56	679.1
Other countries	85.1	1.03	87.9
World	350.1	2.19	767.0
World less U. S.	306.5	1.69	518.0
Major foreign ex	27.7	2.33	64.5
porters 3/			

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected

based on surveys, trends, and analysts' judgement.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 17.

3/ Includes Canada, Australia, Argentina, South Africa, and Thailand.

	Area	Yield	Production
Region/country:	:1983/84	:1983/84-proj.	:1983/84-proj.
	:1981/82-;1982/83-;proj.	:1981/82-;1982/83-;Nov.;Dec.	:1981/82-;1982/83-;Nov.;Dec.
	--Million-hectares--	-Metric-tonn-per-hectare-	---Million-metric-tonn---

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Australia, Burma, Pakistan, and Thailand.

Cotton (all kinds) area, yield, and production: World and selected countries and regions 1/

Region/country	Area			Yield			Production			
	1981/82	1982/83	1983/84	1981/82	1982/83	1983/84	1981/82	1982/83	1983/84	1984/85
	Million hectares	Million hectares	Million hectares	Kilograms per hectare	Kilograms per hectare	Kilograms per hectare	Million 480-pound bales	Million 480-pound bales	Million 480-pound bales	Million 480-pound bales
United States	5.6	3.9	2.9	608.	662.	574.	15.6	12.0	7.5	7.6
USSR	3.2	3.2	3.2	912.	815.	888.	13.3	11.9	13.0	13.0
Cen. Planned Asia	5.2	5.8	5.9	571.	616.	683.	13.6	16.5	17.0	18.5
PRC										
South Asia										
India	8.0	8.0	8.0	174.	173.	171.	6.4	6.3	6.6	6.3
Pakistan	2.2	2.3	2.3	343.	365.	289.	3.5	3.8	3.1	3.0
M East and Africa										
Egypt	0.5	0.5	0.4	1008.	945.	1013.	2.3	2.1	2.0	2.0
Sudan	0.4	0.4	0.5	428.	524.	435.	0.7	0.9	1.0	1.0
Turkey	0.7	0.6	0.6	746.	820.	814.	2.2	2.2	2.3	2.3
L America & Carib										
Argentina	0.4	0.4	0.5	383.	319.	327.	0.7	0.5	0.8	0.8
Brazil	2.1	2.1	2.0	312.	308.	288.	3.0	3.0	2.8	2.7
Cent America 3/	0.2	0.2	0.2	817.	859.	853.	0.9	0.8	0.9	0.9
Mexico	0.4	0.2	0.2	885.	886.	844.	1.4	0.8	0.9	0.9
Total above	28.7	27.5	26.8	482.	482.	480.	63.6	60.9	57.8	59.0
Other countries	4.4	4.8	4.8	348.	307.	337.	7.1	6.7	7.5	7.5
World	33.2	32.3	31.6	464.	456.	458.	70.7	67.7	65.3	66.5
World less U. S.	27.6	28.4	28.7	435.	428.	446.	55.1	55.7	57.8	58.8
Major foreign exporters 4/	7.5	7.3	7.5	708.	673.	674.	24.3	22.6	23.2	23.1

1/ Totals and averages based on unrounded data. 1982/83 estimates are preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Production is subject to considerable year-to-year variation. A measure of the reliability of the estimates by country is presented on page 18.

3/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

4/ Includes USSR, Pakistan, Egypt, Sudan, Turkey, Central America, and Mexico.

Soybean area, yield, and production: World and selected countries and regions 1/

Region/country:	Area		:1983/84		Yield		:1983/84-eroj_27:		Production		
	:1981/82-:1982/83:-:1982/83:-:1981/82-	:1981/82-:1982/83:-:1982/83:-:1981/82-	:1981/82-:1982/83:-:1982/83:-:1981/82-	:1981/82-:1982/83:-:1982/83:-:1981/82-	:1981/82-:1982/83:-:1982/83:-:1981/82-	:1981/82-:1982/83:-:1982/83:-:1981/82-	:1981/82-:1982/83:-:1982/83:-:1981/82-	:1981/82-:1982/83:-:1982/83:-:1981/82-	:1981/82-:1982/83:-:1982/83:-:1981/82-	:1983/84-eroj_27:	
	---Million-hectares---	---Metric-tonnes-per-hectare---	---	---	---	---	---	---	---	---Million-metric-tonns---	
United States	: 26.86	: 28.26	: 24.85	: 2.03	: 2.15	: 1.68	: 1.68	: 54.44	: 60.68	: 41.82	: 41.82
Canada	: 0.28	: 0.36	: 0.36	: 2.18	: 2.35	: 1.88	: 1.98	: 0.61	: 0.86	: 0.71	: 0.72
Eastern Europe	: 0.48	: 0.49	: 0.52	: 1.09	: 1.48	: 1.29	: 1.29	: 0.52	: 0.72	: 0.68	: 0.68
USSR	: 0.86	: 0.88	: 0.85	: 0.52	: 0.56	: 0.59	: 0.59	: 0.45	: 0.49	: 0.50	: 0.50
Cen. Planned Asia:											
PRC	: 8.02	: 8.41	: 8.00	: 1.16	: 1.07	: 1.16	: 1.16	: 9.33	: 9.03	: 9.30	: 9.30
South Asia											
India	: 0.62	: 0.77	: 0.80	: 0.75	: 0.64	: 0.88	: 0.88	: 0.47	: 0.49	: 0.70	: 0.70
L America & Carib:											
Argentina	: 1.98	: 2.12	: 2.45	: 2.09	: 1.69	: 1.92	: 1.92	: 4.15	: 3.57	: 4.70	: 4.70
Brazil	: 8.20	: 8.23	: 8.87	: 1.56	: 1.79	: 1.72	: 1.72	: 12.84	: 14.75	: 15.30	: 15.30
Paraguay	: 0.42	: 0.35	: 0.42	: 1.43	: 1.43	: 1.49	: 1.49	: 0.60	: 0.50	: 0.62	: 0.62
Total above	: 47.73	: 49.86	: 47.12	: 1.75	: 1.83	: 1.58	: 1.58	: 83.40	: 91.09	: 74.33	: 74.34
Other countries	: 2.36	: 2.42	: 2.56	: 1.23	: 1.19	: 1.25	: 1.24	: 2.90	: 2.87	: 3.18	: 3.18
World	: 50.09	: 52.28	: 49.68	: 1.72	: 1.80	: 1.56	: 1.56	: 86.29	: 93.96	: 77.51	: 77.52
World less U. S.	: 23.23	: 24.02	: 24.84	: 1.37	: 1.39	: 1.44	: 1.44	: 31.86	: 33.28	: 35.69	: 35.70
Major foreign ex- porters 3/	: 10.61	: 10.69	: 11.74	: 1.66	: 1.76	: 1.76	: 1.76	: 17.58	: 18.82	: 20.62	: 20.62

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends, and analysts' judgement.

2/ Production is subject to considerable year-to-year variation.

A measure of the reliability of the estimates by country is presented on page 18

3/ Includes Argentina, Brazil, and Paraguay.

Oilseeds production: World and selected countries, regions, and commodities 1/

Commodity	Major regions and countries							
	United States	Canada	Western Europe	Eastern Europe	USSR	Centrally Planned Asia	South Asia	Pakistan
						EEC	India	Sri Lanka
	---Million metric tons---							
Cottonseed								
1: 1981/82	5.80	0.00	0.34	0.02	5.28	5.94	2.73	1.50
2: 1982/83	4.30	0.00	0.30	0.02	5.00	7.20	2.68	1.65
3: 1983/84								
3: Nov. Proj.	2.74	0.00	0.32	0.03	5.10	7.40	2.81	1.35
4: Dec. Proj.	2.78	0.00	0.32	0.03	5.10	8.10	2.69	1.31
Peanuts (In-shell)								
5: 1981/82	1.81	0.00	0.01	0.00	0.00	3.83	7.22	0.07
6: 1982/83	1.56	0.00	0.01	0.00	0.00	3.92	5.55	0.08
7: 1983/84								
7: Nov. Proj.	1.41	0.00	0.01	0.00	0.00	3.90	7.30	0.08
8: Dec. Proj.	1.41	0.00	0.01	0.00	0.00	3.90	7.30	0.08
Sunflowerseed								
9: 1981/82	2.04	0.16	0.90	2.25	4.68	1.33	0.16	0.02
10: 1982/83	2.42	0.09	1.52	2.17	5.34	1.29	0.22	0.02
11: 1983/84								
11: Nov. Proj.	1.44	0.08	1.71	1.93	5.40	1.30	0.30	0.02
12: Dec. Proj.	1.44	0.05	1.70	1.93	5.40	1.30	0.30	0.02
Rapeseed								
13: 1981/82	0.00	1.85	2.43	1.16	0.03	4.06	2.38	0.24
14: 1982/83	0.00	2.25	3.13	1.08	0.06	5.66	2.47	0.24
15: 1983/84								
15: Nov. Proj.	0.00	2.68	2.94	1.34	0.12	4.40	2.50	0.25
16: Dec. Proj.	0.00	2.68	2.94	1.40	0.12	4.40	2.50	0.25
Flaxseed								
17: 1981/82	0.20	0.47	0.03	0.08	0.16	0.00	0.48	0.01
18: 1982/83	0.30	0.73	0.04	0.08	0.15	0.00	0.48	0.01
19: 1983/84								
19: Nov. Proj.	0.19	0.48	0.04	0.08	0.21	0.00	0.45	0.01
20: Dec. Proj.	0.19	0.46	0.04	0.08	0.21	0.00	0.45	0.01

1/ Totals and averages based on unrounded data. 1982/83 is estimated and preliminary. 1983/84 is projected based on surveys, trends and analysts' judgement.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts; Argentina and Canada, flaxseed.

Oilseeds production: World and selected countries, regions, and commodities--Cont.

-----Major regions and countries-----											:
Middle East			Latin America			Total for	Other	:	World	Major	
and			and			Major	coun-	:	less	foreign	
Africa			Caribbean			regions	tries	World	United	ex-	
:	:	:	Argen-	:	Para-	and	and	:	States	porters	
Egypt	Senegal	Sudan	tina	Brazil	Guay	Countries	regions	:	:	27	
---Million metric tons---											
0.80	0.02	0.31	0.29	1.16	0.18	24.37	3.82	28.19	22.38	4.49	:
0.74	0.04	0.41	0.21	1.20	0.15	23.91	3.42	27.32	23.02	4.51	:
											:
0.67	0.02	0.44	0.30	1.08	0.20	22.45	3.79	26.24	23.50	4.63	:
0.67	0.02	0.44	0.30	1.08	0.20	23.02	3.85	26.87	24.09	4.50	:
											:
											:
0.02	0.88	1.11	0.26	0.29	0.02	15.52	4.34	19.86	18.05	9.76	:
0.02	0.96	1.00	0.19	0.21	0.03	13.52	4.12	17.64	16.08	7.90	:
											:
0.02	0.55	1.00	0.14	0.26	0.03	14.71	4.58	19.29	17.88	9.25	:
0.02	0.55	1.00	0.14	0.26	0.03	14.70	4.54	19.24	17.84	9.25	:
											:
											:
0.01	0.00	0.00	1.98	0.03	0.00	13.55	1.12	14.68	12.64	4.23	:
0.01	0.00	0.00	2.20	0.03	0.00	15.31	1.03	16.34	13.92	4.37	:
											:
0.01	0.00	0.00	2.50	0.03	0.00	14.71	1.56	16.27	14.83	4.43	:
0.01	0.00	0.00	2.50	0.03	0.00	14.67	1.58	16.25	14.81	4.43	:
											:
											:
0.00	0.00	0.00	0.01	0.01	0.00	12.17	0.20	12.37	12.37	1.85	:
0.00	0.00	0.00	0.00	0.00	0.00	14.88	0.21	15.09	15.09	2.25	:
											:
0.00	0.00	0.00	0.00	0.01	0.00	14.25	0.24	14.49	14.49	2.68	:
0.00	0.00	0.00	0.00	0.01	0.00	14.32	0.24	14.55	14.55	2.68	:
											:
											:
0.02	0.00	0.00	0.60	0.00	0.00	2.05	0.04	2.10	1.90	1.07	:
0.02	0.00	0.00	0.73	0.00	0.00	2.53	0.03	2.56	2.26	1.46	:
											:
0.02	0.00	0.00	0.65	0.00	0.00	2.12	0.05	2.17	1.98	1.13	:
0.02	0.00	0.00	0.65	0.00	0.00	2.11	0.05	2.16	1.97	1.12	:

--- No production reported or less than 5,000 tons.

COARSE GRAINS: RELIABILITY OF DECEMBER WORLD CROP PRODUCTION FORECASTS

Region	: Standard Error of Estimate : from : Trend-68% Confidence Level		: Ten Year Record of Difference : Between December Forecast & Final : Estimate						
	Percent	Quantity	:Average :Percent	:Average	:Smallest	:Largest	: Number of Years		
							: Below : Final	: Above : Final	
	Million MT		(-----Million MT-----):						
North America									2/
Canada	: 8.5	: 2	: 2.6	: 1	: - 1/	: 2	: 6	: 3	
United States	: 6.9	: 18	: 2.2	: 6	: 1	: 10	: 9	: 1	
Western Europe	: 5.8	: 6	: 1.0	: 1	: -	: 2	: 7	: 3	
Eastern Europe	: 3.3	: 2	: 3.7	: 2	: -	: 5	: 9	: 1	
Oceania									
Australia	: 19.9	: 1	: 10.9	: 1	: -	: 1	: 4	: 6	
South Asia									
India	: 5.7	: 2					: NA	: NA	
Centrally Planned Asia									
China	: 2.9	: 3					: NA	: NA	
Near East & Other Asia									
Thailand	: 13.2	: 1	: 2.4	: -	: -	: -	: 4	: 1	
USSR	: 19.4	: 15	: 6.2	: 7	: 2	: 12	: 5	: 4	
Middle East and Africa									
South Africa	: 31.3	: 3	: 33.6	: 2	: -	: 7	: 6	: 4	
Turkey	: 5.5	: 1					: NA	: NA	
Latin America & Caribbean									
Argentina	: 18.0	: 3	: 16.7	: 3	: 1	: 4	: 6	: 4	
Brazil	: 9.6	: 2	: 10.1	: 2	: -	: 5	: 4	: 5	
Total Above			: 1.5	: 8	: -	: 19	: 7	: 3	
Others	: 4.3	: 4	: 2.2	: 3	: 1	: 11	: 7	: 3	
World Total	: 2.9	: 23	: 1.6	: 10	: 2	: 22	: 6	: 4	
World Less U.S.	: 3.0	: 16	: 1.9	: 9	: 3	: 28	: 4	: 6	
Major Competitors 3/	: 8.1	: 5	: 6.9	: 4	: 1	: 9	: 2	: 7	

1/ Less than 500,000 tons.

2/ May not add up to 10 if December estimate was the same as final.

3/ Includes Canada, Australia, Argentina, S. Africa and Thailand.

NOTE 1: N/A means no published forecasts are available.

NOTE 2: Standard errors of the estimates are derived from 10 year production trends, 1973-1982; percent error is calculated at the mean. The 10 year record is based upon absolute differences from final estimates.

WCP-12-83

WHEAT: RELIABILITY OF DECEMBER WORLD CROP PRODUCTION FORECASTS

Region	: Standard Error of Estimate :		: Ten Year Record of Difference :							2/
	: from :		: Between December Forecast & Final :							
	: Trend-68% Confidence Level :		: Estimate :							
	: Percent :	: Quantity :	: Average :	: Average :	: Smallest :	: Largest :	: Below :	: Above :		
			: Percent :					: Final :	: Final :	
	: Million MT :		: (-----Million MT-----):							
North America										
Canada	: 12.0	3	: 2.4	-	- 1/	1	: 5	4		
United States	: 8.0	6	: 0.5	-	-	1	: 7	3		
Western Europe	: 7.2	5	: 1.6	1	-	2	: 7	2		
Eastern Europe	: 9.1	3	: 2.3	1	-	2	: 4	6		
Oceania										
Australia	: 24.6	3	: 10.1	2	-	5	: 8	2		
South Asia										
India	: 5.1	2	: 2.6	1	-	3	: 5	4		
Pakistan	: 4.6	1	:				: NA	NA		
Centrally Planned Asia										
China	: 6.7	5	:				: NA	NA		
USSR	: 18.0	16	: 5.9	7	3	12	: 5	3		
Middle East and Africa										
South Africa	: 13.6	-	:				: NA	NA		
Turkey	: 8.9	1	:				: NA	NA		
Latin America & Caribbean										
Argentina	: 20.9	3	: 10.4	1	1	2	: 6	4		
Brazil	: 22.6	1	:				: NA	NA		
Total Above			: 2.7	9	2	21	: 7	3		
Others	: 7.1	2	: 2.4	2	-	5	: 8	2		
World Total	: 4.1	20	: 2.2	10	1	22	: 7	3		
World Less U.S.	: 5.6	23	: 2.4	10	1	21	: 7	3		
Major Competitors 3/	: 5.7	6	: 3.6	2	-	6	: 8	2		

1/ Less than 500,000 tons.

2/ May not add up to 10 if December estimate was the same as final.

3/ Includes Canada, Australia, Argentina, and the EC.

NOTE 1: N/A means no published forecasts are available.

NOTE 2: Standard errors of the estimates are derived from 10 year production trends, 1973-1982; percent error is calculated at the mean. The 10 year record is based upon absolute differences from final estimates.

Cotton, rice (rough), and oilseeds production: 1983/84 trend projections and
standard errors 1/

Regions	Cotton			Rice (rough)			Oilseeds		
	Trend	Standard error		Trend	Standard error		Trend	Standard error	
	Pro-	Quan-		Pro-	Quan-		Pro-	Quan-	
	jection:	tity	Percent	jection:	tity	Percent	jection:	tity	Percent
	---Mil. bales---			---Mil. MT---			---Mil. MT---		
U.S. <u>2/</u>	7.6	0.1	1.5	4.7	.1	2.2	41.8	1.1	2.7
Canada	---	---	---	---	---	---	2.9 <u>3/</u>	.7	25.1
Western Europe:	---	---	---	1.6	.1	9.1	---	---	---
Eastern Europe:	---	---	---	---	---	---	---	---	---
USSR	13.3	.6	4.5	2.7	.2	6.2	4.4 <u>4/</u>	.6	13.1
Centrally									
Planned Asia:									
PRC	13.8	1.7	12.3	153.2	3.4	2.2	---	---	---
South Asia									
Bangladesh	---	---	---	21.5	.7	3.3	---	---	---
Burma	---	---	---	14.2	.9	6.7	---	---	---
India	6.4	.3	4.7	78.0	8.0	10.2	6.0 <u>5/</u>	.7	11.2
Pakistan	3.5	.5	14.3	5.4	.2	4.0	---	---	---
Near East &									
Other Asia									
Indonesia	---	---	---	33.9	1.6	4.6	---	---	---
Japan	---	---	---	12.7	1.1	8.8	---	---	---
South Korea	---	---	---	7.5	.8	11.3	---	---	---
Thailand	---	---	---	18.4	1.1	6.1	---	---	---
Middle East									
and Africa									
Egypt	2.3	.2	8.7	---	---	---	---	---	---
Senegal	---	---	---	---	---	---	.8 <u>5/</u>	.3	32.2
South Africa	---	---	---	---	---	---	---	---	---
Sudan	.6	.2	33.3	---	---	---	---	---	---
Turkey	2.2	.2	9.1	---	---	---	---	---	---
Latin America									
& Caribbean									
Argentina	.6	.2	33.3	.3	.03	9.1	---	---	---
Brazil	3.1	.3	9.7	9.5	.7	7.1	15.6 <u>6/</u>	1.5	9.6
Mexico	1.2	.4	33.3	---	---	---	---	---	---
Oceania									
Australia	---	---	---	.8	.1	16.0	---	---	---
Foreign	54.8	2.5	4.6	416.8	8.1	2.0	---	---	---
World	68.7	3.8	5.5	424.5	8.4	2.0	182.2	8.0	4.3 <u>7/</u>

1/ This table provides a measure of year-to-year variability in production from linear trend during 1973/74-1982/83. Data reflect one standard error, i.e. 67-percent confidence level. In the case of USSR cotton, for example, there is a 67-percent probability that 1983/84 production will total within 0.6 million bales or 4.5 percent of the trend projection of 13.3 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 3/ Rapeseed. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 6.2; cottonseed, 5.4; sunflowerseed, 7.5; peanuts, 6.0; rapeseed, 7.5, and flaxseed, 10.5.

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_____	10022	COCOA (2 issues)	3.00	4.00

_____ TOTAL REPORTS ORDERED TOTAL SUBSCRIPTION PRICE _____

ENCLOSED IS MY CHECK FOR \$ _____ MADE PAYABLE TO FOREIGN AGRICULTURAL SERVICE.

NAME (Last, first, middle initial)		
ORGANIZATION OR FIRM		
STREET OR P.O. BOX NUMBER		
CITY	STATE	ZIP CODE
COUNTRY		

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WASHINGTON, D.C. 20250**

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